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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
H04Q 7/38

A1

(11) International Publication Number: WO 96/31077

(43) International Publication Date: 3 October 1996 (03.10.96)

(21) International Application Number: PCT/SE96/00299

(22) International Filing Date: 7 March 1996 (07.03.96)

(30) Priority Data:
9501177-1 31 March 1995 (31.03.95) SE

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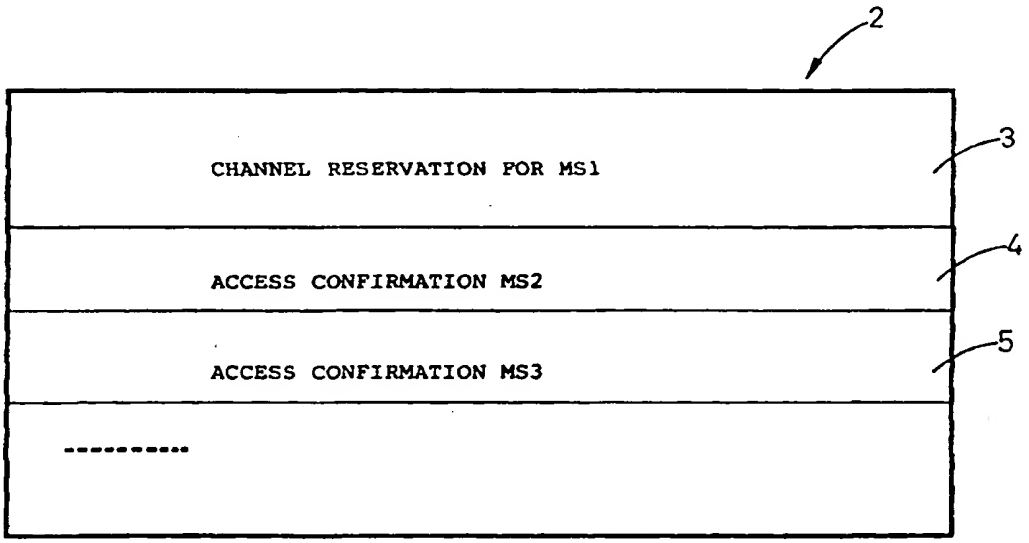
(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

**Published**
*With international search report.*
*In English translation (filed in Swedish).*

(54) Title: METHOD AND ARRANGEMENT IN A RADIO COMMUNICATION SYSTEM




(57) Abstract

The present invention concerns a process in a radio communication system which is arranged for packet data transmission according to a message-synchronized ALOHA protocol with reservation. Mobile stations in the system are arranged to send access requests to a base station during a reservation phase in a mobile radio system which uses this protocol. The base station is arranged to receive and comply with the access request from a first mobile station by sending thereto a channel reservation message (2) comprising a channel reservation (3). The base station is further arranged to receive access requests from at least a second mobile station for which channel reservation momentarily cannot be carried out. According to the process of the invention an access request received from the second mobile station is confirmed when channel reservation cannot be carried out in the usual manner. The confirmation is sent in the form of an access confirmation (4, 5) which is included in the same channel reservation message (2) as the channel reservation (3) for the first mobile station.